

ALLOCATION OF CONTROL CHANNEL IN A COMMUNICATION SYSTEM

ABSTRACT OF THE DISCLOSURE

The invention involves a proactive shift of a control channel among a range of available channels in a mobile radio network, particularly traffic channels. The control channel is intermittently shifted in a periodic or non-periodic manner, thereby making the frequency available for use in other networks. A round-robin process may be used to re-allocate the control channel among traffic channels. This is useful in a network operating within a common channel environment where activity on a fixed the control channel can be unfair or interfere with other networks.

A285-99.wpd